

ISAC Meeting – June 14-16, 2011

ACTION OR INFORMATION ITEM

SPONSOR (Name/Email): Peter Alpert / palpert@bio.umass.edu

TOPIC: Energy development and invasion of sagebrush steppe

SPEAKER (Name/Email): Cameron Aldridge and Dan Manier

1. DESCRIPTION OF AGENDA ITEM:

Large areas in the intermountain West are being developed for oil extraction and wind power. The associated land disturbances and movement of people and equipment risk promoting invasion by introduced species. Drs. Aldridge and Manier at the USGS and Colorado State University in Fort Collins are collecting field data to assess these risks and test the specific factors linked to establishment and spread of invasives. They will present their findings to date.

2. WHY IS THIS ITEM IMPORTANT TO NISC / ISAC? HOW IS IT RELATED TO THE NATIONAL INVASIVE SPECIES MANAGEMENT PLAN?

This item is part of the theme for the meeting in June 2011. In addition, very little work has been done on how to minimize promotion of invasion by recent increases in development of natural and semi-natural lands for energy, and this presentation will bring this new aspect of invasion biology to the attention of NISC and ISAC in timely fashion. The item contributes to Implementation Task EDRR. 3.3. and to Performance Elements R.1.1.1 and CM.1.1.2.

3. PREVIOUS ACTIONS TAKEN BY NISC / ISAC ON THIS ITEM:

None.

4. ACTION REQUESTED OF NISC / ISAC:

Schedule 30-minute presentation on June 16 at meeting in Denver in June 2011; no travel funds are requested.

5. ALTERNATIVES:

None.

6. ATTACHMENTS:

None.